

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: Ho4bart@aol.com
Subject: "CIA Special Weapons & Equipment" book information
Message-ID: <970201174913_204704233@emout08.mail.aol.com>

i was digging, looking for something else, and this resurfaced:

"CIA Special Weapons & Equipment" by H K Melton
1993, Sterling Publ. Co. NYYN
ISBN 0-8069-8732-4

128 pages. some radios.
has format of an equipment catalog with one page per
equipment or set. with 1-4 descriptive paragraphs per
page. radios presented:

RS-1 (a/k/a GRC-109); RS-6; "Attache Case Radio Sta."
(nicely repackaged RS-6); "Miniature Radio Station".
first 3 are glowfet technology; MRS uses one tube in xmtr.

and sandstate: RR/D-11; SRR-4; Delco 5300 (= PRC-64);
GRA-71 Burst Transmission Device (also used with GRC-109);
RS-8.

(some nomenclature is a little nebulous in this area of
equipment) .

published equip catalogs such as this:

- 1) are fun to peruse even if you have no want to actually
own such equipment
- 2) make a nice documentary accessory if you do own
such an item
- 3) immediately skyrocket the item's price once it is
"documented"

i personally would much rather see such equipment in the
hands of radio enthusiasts than gun/militaria etc collectors
who will never exercise the equipment. altho the prices paid
by nonradio people have been higher than in the ham market.
so get out there & recapture them, and "Keep 'Em Lighting!"
hue miller

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: "Broline, Nick (Tracor MS Mail)" <ENB@eng1.tracor.com>
Subject: 10 Meter Subraco Transmitter ?
Message-ID: <c=US%a=_%p=Tracor%l=TRACOR/AUSTIN/000283C3@ems1.tracor.com>

Couple days ago I encountered a Subraco MT-15X under-dash 10m mobile transmitter manufactured by the Suburban Radio Company of East Rutherford Park, NJ. It is a beautiful, compact (4.5 x 6.5 inch front panel, 6.5 deep) crystal controlled am rig running a 2E26 (30W input), plate modulated by a (possible) 6N7 class B dual triode. The rig was powered by a dynamotor (Model DS-400) available from the same folks. I found an ad in a +49 QST run by Harrison Radio Corp and one by Suburban. This system, owned by W5JMA of Austin, had a small home-brew VFO that had been built for it that was only about 3 inches wide and 2.5 inches high, including readout. The VFO was designed to fit into the ash tray.

Does this seem to be a popular radio? This is the first one I've laid hands on. Anyone with one out there. It appears to be a delight, and was either copied from, or inspired, some of the small mobile boxes that appeared in the ARRL handbook in the 50+s and early 60+s. I suspect that it inspired the HB features, as the +48 HB is pretty shy of small, creative packages like the MT-15.

Also, is anyone aware of any similar radios possibly made for other popular mobile bands, like 75? In my earlier days in San Antonio, 75 meters was alive and well with a wealth of 6AQ5, 6V6, and similar 75 meter home-brew mobiles. It would seem that the 10-meter model SHOULD have sparked additional interest and production of a low band model, but I've never seen them. The little MT-15 is not comparable with the Elmacs, etc.

Before we let 10 meters drop so fast, is there any interest in the 10m AM band any more?? I worked a rewarding number of stations in the early 80+s between 29.0 and 29.2 MHz. Austin had a local 29.2 MHz standard operating frequency that was known to many world-wide in the 50+s, with somewhere like 35-40 active members. It was also the standard TX-hunting frequency on Saturday nights. If I got more than a

couple of replies
showing interest, I would park a receiver there and make noise
periodically.

Any comments or dialog regarding any of this??

73

Nick W5FUA

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: n5off@w5ddl.aara.org
Subject: 390A Tag Sizes
Message-ID: <570049@w5ddl.aara.org>

As far as I have seen, only the early Collins and early Motorola's have
the skinny tag.

All rigs after that have the chunky size tag, which is compliant with
MIL-M-13231 "Marking of Electronic Items"

There is no "brand" or "non-brand" stuff.

73 tom

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: Larry Kayser <lkayser@rideau.net>
Subject: 3B28's and Variacing Powersupplies
Message-ID: <01BC0F94.2F228860@modem-119.rideau.net>

Greetings:

I have been watching the 3B28 discussion lately and finally the idea of
using a Variac on a rig with this tube was mentioned by our esteemed Bob.

Please be careful with Variacs!!!!!!!!!!!!!!

A Variac is great if one wants to look for a problem with some component
like a transformer or a resistor bank. Putting a Variac on a radio with
the AC voltage coming up on the rectifier at the same time as the filament
in the rectifier is waking up is a recipe for a nasty \$\$ experience!

A Variac is great to bring the filaments up on expensive transmitting tubes
in a smooth period of time of a few seconds.

A Variac on a radio in which the B+ and the tube filaments come on
simultaneously is NOT a good idea unless you bring the voltage up quickly,

a few seconds or so.

Please do not use a Variac on any transmitter that has a motor driving a blower. That which the air from the blower is intended to cool will get too hot quickly, the Motor will overheat quickly if left running significantly off the rated voltage etc.

Larry
va3lk / wa3zia

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: Ronnie Hull <larebel@ms1.nwla.com>
Subject: 75A3 Bearing plate
Message-ID: <1.5.4.16.19970201093755.1937d61e@ms1.nwla.com>

well, I took the knob off and lo and behold, THERE WAS a bearing plate behind the knob. I had looked for it behind the front panel when John first mentioned this.

the hardware was loose. after tightening it up, the knob is more stable but not completely. This bearing plate is homebrew obviously. looks like hell, but at least it is covered up by the knob. It does have a small bronze bushing in it.

okay, next question... anyone have a crystal calibrator for this receiver.

Ronnie

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: Ronnie Hull <larebel@ms1.nwla.com>
Subject: 75A3 help
Message-ID: <1.5.4.16.19970201064213.246f0d38@ms1.nwla.com>

Okay fellers, after reading the manual and teaching myself how to tune this receiver, I can tell it is working real well. I've been hearing some very good CW and AM sigs on 80 and 75, but not too much on 40.

The one thing that bothers me about the receiver is that the main tuning knob has an incredible amount of slop in it. you can move it up or down, physically, nearly a quarter of an inch. To say the least

it makes tuning in a signal difficult, and all you have to do is barely touch it and your station is gone. If I can fix this, the Reciever will have been worth the money.

Looking inside from the top of course, you can't see much under the drum or behind the bezel. Though it does look to have some sort of clutch arrangement just in front of the PT0. Moving the dial and observing the clutch, there appears quite a bit of clearence in the clutch while moving the knob.

Any suggestions fellows, can this be adjusted? Hep me Hep me..

btw, this is 75A3 serial number 261, with matching speaker. It has only one ding in the front panel, around the lower left screw where it is held in the cabinet. Other than that, not a scratch, nor on the speaker!! Well, truthfully, there is a small hole drilled in the right SIDE of the speaker like someone wanted to run a cable. Why, with the entire back open, I have not a clue. But other than that, on front appearence anyway, the speaker is very nice to look at.

Ronnie - W5SUM

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: Ronnie Hull <larebel@ms1.nwla.com>
Subject: 75A3 questions
Message-ID: <1.5.4.16.19970131202648.26ef2634@ms1.nwla.com>

Well fellows, at approximately 6pm this evening, I became the proud father of my first 75A3. I explained to my wife "I don't know how this could have happened, it just followed me home"!! She was in ill humor... strange how women act sometimes eh? She used to be disgusted, now she is just amused...

anyway, this one is Clean-Clean-Clean. Came with only the 3kc filter of course. Its been warmed up for an hour and has its original speaker hooked up, and I have a 75 meter half wave dipole hung on it.

In the CW and AM positions, it appears to reciever quite well. When I switch to SSB, it goes way way down, h ave to turn the audio and rf gain wide open to even begin to hear signals.

Also, the main tuning knob can be shifted up and down an eighth of an inch or so. Is this normal? The rig seems to be quite stable.

I have no experience with these rigs, but am very enthusiastic about finally owning one.

I understand that fair radio has some filters that can be modified to fit the A series, that will give you the 6kc for am and 500 for cw. Any thoughts on this?

Ronnie - W5SUM
a true sucker for orphan receivers that mysteriously show up in large boxes....

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: William Donzelli <william@ans.net>
Subject: Re: ??? "Local unit manufactured military PS & accessories"
Message-ID: <199702010538.AA20341@interlock.ans.net>

> i wonder if any of you blackbox fans have seen any examples of
> what i call "local unit manufactured" equipment? i would like to
> know about any other examples. here are ones i have seen:

I have the big AC supply for a TCS (-12, I think) that was made by the Navy at Norfolk. It looks just like the real Collins version, with a real "Type 20218" data tag.

Also, BB59 has homebrew AC supplies for her AN/ARC-4s (hand wound transformers to boot!), and some kind of amplifier thingie in Radio 3. Next time I am that way I will look the things up.

William Donzelli
william@ans.net

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: provero@connix.com
Subject: Re: ??? "Local unit manufactured military PS & accessories"
Message-ID: <199702011407.JAA10836@comet.connix.com>

"Local Manufacture" units typically were created during overhauls/refits where very specific equipment was contracted for. If the original equipment manufacturer wasn't interested in a qty one contract, the lowest bidder (either a contractor or the Navy yard itself) would make or rebuild the item.

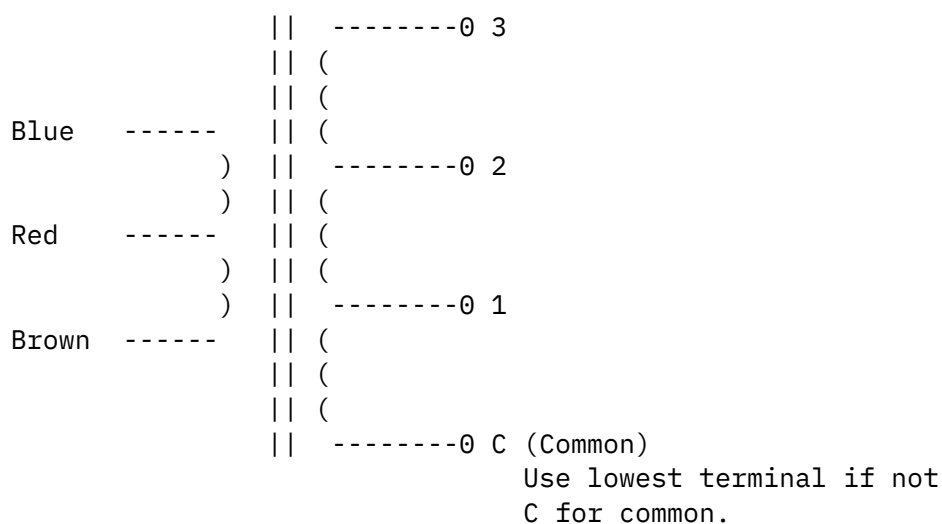
21 years in the USN, seen it happen many times.....

P.J. "Josh" Rovero home: provero@connix.com
 Meteorologist radio: KK1D
 Oceanographer work: rovero@sonalysts.com
 Curmudgeon-at-Large web: http://www.connix.com/~provero/

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
 From: w2ec@VNET.IBM.COM
 Subject: Aduio Xfmr - AES part PT-291
 Message-ID: <199702012045.0AA13329@uro.theporch.com>

Has anyone gotten one of these plate audio xfmr's from AES? I've got one with the instructions, yet I can't figure out how to interpret them. The sheet contains a diagram of the xfmr and instructions as follows:

=====



PRIMARY	SEC	USE
2.3k	4 ohm	C + 1
4.6k	8 ohm	
9.0k	16 ohm	
1.0k	8 ohm	C + 2
2.0k	16 ohm	
0.5k	8 ohm	C + 3
1.0k	16 ohm	
5.1k	2 ohm	2 + 3

10.2k	4 ohm	
10.0k	1 ohm	1 + 2
20.0k	2 ohm	

=====

Does anyone know how to translate this chart?
transformer to match my HRO to a 4 ohm speaker. The HRO needs a 5k to 7k
73, Ray W2EC w2ec@vnet.ibm.com

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: Mike Toneri <toneri@ils.net>
Subject: Re: AN/SRT-14 Exploding Capacitors cont.
Message-ID: <199702011749.MAA11950@server1.ils.net>

>My question for the group is: Who makes/has anymore those 80ufd single
>section 450 volt plugin octal electrolytics, and maybe the dual 35/35
>section 450 volt plugin octal electrolytics, too. I have a subtle
>sneakin' suspicion that if one blew and three others were duds and had
>to be replaced, I am gonna have to take stock in someone's capacitor
>works for a couple dozen of those babies.
My local BA store did not have any octal base electrolytics in the values
you sprcified, none were close on the voltage rating. He did say that they
were almost impossible to find up here in Canada. Hope you find some down there.
73...Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: polepeeg@aa4rm.radio.org (Boat Anchors collection ID)
Subject: Re: AN/SRT-14 Exploding Capacitors cont.
Message-ID: <199702011835.NAA26172@aa4rm>

Exploding Capacitors often happen when you "plug it in and fire for
effect"

Just lift bleeders off gnd. & supply 400V or so thru 20K ohms 'til voltage
drop across resistors drops to nil. If no drop, find the hot can & replace
that 'lytic.

That'll save a lot 'o heartaches.

However I fire for effect at times - like on a '57 magnavox fono last weekend

I just plugged her in, ran 'til some crackles, doused it., & went thru several of these cycles 'til stabliity. Maggy just as content as h3!! playing Patsy Cline & Jimmy Reeves again - after surviving "consumer 'lytic reformation" (as seen on wall of Cathedral @ Wurtemberg)

M

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997

From: George Humphrey <gah@koyote.com>

Subject: Another Dumb Question

Message-ID: <1.5.4.32.19970201180536.0099b0bc@mail.koyote.com>

Help!

I recently picked up a 750VDC power supply at a microwave station teardown and planned on using for capacitor reforming etc. This unit has a huge transformer with a 115VAC primary and 5 secondary contacts. The secondary contacts are two at 950V, two at 750V and a center one I assume is about 475V or so. The two 750V taps are each hooked to the cap of a 866A rectifier tube. The only other connections to the 866A is a ground and 2.5V to the heaters???

- 1) Question: with only a single connection to the rectifier tube how doe it rectify anything?
- 2) Question: There are no connections leaving this power supply other than two at 6.5V 2 amp. Why didn't Western Union make use of the 750V or 950V available on the transformer???

I have checked the unit out, and it is operational and I have a schematic that also shows no HV out of the unti. I know, there is probably an easy answer I have overlooked but if so, I am not seeing it today.

All Help Appreciated

Thanks,

73 George KC5WBV
gah@koyote.com

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: Nina West <ninaw@u.washington.edu>
Subject: AWA Amalgamated Wireless Australasia
Message-ID: <Pine.A41.3.95b.970131163417.17836A-100000@dante17.u.washington.edu>

I am currently reading "Lonely Vigil, Coastwatchers of the Solomons" by Walter Lord. It was mentioned a while ago on Boatanchors concerning the 700 lb. radios that were lugged around in submarines, collapsible boats, and through the jungle. The text is a little weak on BA detail but there is a picture of the "3-B-Z teleradio". There is a logo that looks like AWA on the transmitter. Can the Australian contingent of BA provide some background on this unit?
Thanks in advance for your help.

Fred Powell
c/o
ninaw@u.washington.edu
or
Fred.Powell@PSS.boeing.com

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: Ho4bart@aol.com
Subject: Re: AWA Amalgamated Wireless Australasia
Message-ID: <970201155835_1994774915@emout17.mail.aol.com>

In a message dated 97-01-31 19:51:20 EST, ninaw@u.washington.edu (Nina West) writes:

<< I am currently reading "Lonely Vigil, Coastwatchers of the Solomons" by >>

one of the coastwatcher books, either this one or the Cdr. Feldt book, mentions-- i read it maybe 20 years ago-- some line like this....."later, smaller gas engine generators of US design were adopted....." i always wondered what type these were. i commenced to wondering after i bot that AWA AMR-101 (Aussie HRO) (no offense intended by the A-word) which 'package' included a gas engine generator part of the USN RDZ or MAR (can't recall) set. quite a small generator, 12vdc out, and the gen in its waterproof carry case not any larger than a grocery store apple box. (my standard unit of measure). this 'package' may have been a random assemblage but since the AMR-101 could run from 12v i always wonder if that was intended to be a complete field installation. i hate greasy internal engines, so i gave it away altho i even had a set of new spare parts. maybe i will try to recover it, scrub off the yuck and just

keep it as a static display item for the AMR-101.

now re coastwatchers....i have participated in speculations that the USN type MBM trans/ rec was built for this purpose. does anyone have input? however....the MBM is cw only...while the coastwatcher mode seems to have been (exclusively) voice? the MBM is 4-14 mc/s, skywave frequencies, intriguing? hue miller

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: David Prince <davprin@gil.com.au>
Subject: Re: AWA Amalgamated Wireless Australasia
Message-ID: <32F4E0DC.5B34@gil.com.au>

Ho4bart@aol.com wrote:

>
> one of the coastwatcher books, either this one or the Cdr. Feldt
> book, mentions-- i read it maybe 20 years ago-- some line like
> this....."later, smaller gas engine generators of US design were
> adopted....." i always wondered what type these were.

The following information is taken from a copy of the REPORT ON COASTWATCHING ACTIVITIES on BOUGAINVILLE ISLAND 1941-1943 written by Lieutenant W.J.READ, R.A.N.V.R. (Lt. Read was a Coastwatcher on the Island for the whole period)

"The AWA Type 3B Teleradio.

We used the A.W.A. Type 3B Teleradio. That equipment, complete with all the accessories essential to a self-contained unit, comprised:-

(a) Transmitter Type 8J6798, employing 5 valves (tubes) furnishing a power output of 10 watts on both telephony and telegraphy, affording a choice of transmission frequencies between 3.4 and 6.9 megacycles, and mounted in a metal casing with approximate measurements of 17 inches x 12 inches x 11 inches. Approx Weight 50 lbs

(b) Superheterodyne Receiver Type C6770, equipped with 5 valves, tuning ranges from 10 metres to 1,500 metres, and mounted in metal casing same dimensions as Tx. Approx Weight 45 lbs

(c) Loudspeaker unit Type D6799 consisting of 7 1/2 inch permanent magnet loudspeaker mounted in a metal case same dimensions as Tx and Rx.

Approx Weight 25 lbs

(d) Aerial and earth installations comprising about 200 feet of 7/20 gauge copper wiring, and half dozen bull-nose insulators.

Approx Weight 10 lbs

(e) Two 6 volt Heavy Duty Accumulators, linked in series to furnish the necessary power of 12 volts, battery cables, and hydrometer.

Approx Weight 100 lbs

(f) A Briggs & Stratton 12 volt gasoline operated Power Charger, complete with tool kit.

Approx Weight 70 lbs

TOTAL APPROX WEIGHT 300 lbs

To all this must be added the burden of fuel and lubricant supplies. It is a pretty formidable outfit: and as such its use in coastwatching leaves a lot to be desired from the point of view of mobility. However, it was all we had in Bougainville and we just had to make the most of it: and in any case, I very much doubt if there was at that time anything in existence better suited to our particular requirements."

It is possible that a smaller type Charger was used after this time.
de VK4KDP

Dave Prince
davprin@gil.com.au

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: Larry Godek <AZCOT@gnn.com>
Subject: BC-950
Message-ID: <199702011717.MAA22226@mail-e2b.gnn.com>

Think I asked what this was (the BC-950) on here some time ago and received no responses.

Well found a manual for the IE-35-A test equipment by Western Electric. In it they talk about the BC-950. Seems as they talk about using the I-155a test set. Course we all know that thats the one we use with the Command set transmitters right? With the proper connectors and cables it also works with the BC-950 aka the VHF T-23 transmitter. Readings seem to concur with switch positions. Anyone have any further info?

In case anyone is interested, I have a couple of these units like new for sale or trade. No mods, no bends original aluminum.

Larry Godek W00GH
AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TAA, KN6TUP

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: Ronnie Hull <larebel@ms1.nwla.com>
Subject: Bearing Plate 75A3
Message-ID: <1.5.4.16.19970201075141.190f2154@ms1.nwla.com>

okay so John hit the nail on the head. It looks
as if the bearing plate IS MISSING. I still think
I got a great deal on this reciever. It is so clean.

so, to make one or try to find one... that is the
question. Any suggestions fella's?

Ronnie - W5SUM

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: the-radio-doctor@juno.com (Rob D Long)
Subject: Cambridge England SWL set
Message-ID: <19970201.044812.12350.4.the-radio-doctor@juno.com>

Hi all, If you expressed an interest in this SWL set, or had some info
on it, and did not receive a reply please resend, I deleted A couple
messages accidently when responding!

73, Rob

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: WA6GYD@aol.com
Subject: CHRS swap meet rept
Message-ID: <970201193138_204721289@emout09.mail.aol.com>

Swap meet at Foothill college in Los Altos today (silicon Valley) and saw a
few interesting items. Someone was selling an R4C (hang on to your shorts)

for \$650.00, one guy said it must have been plated in gold inside. Saw a very nice HQ180 for \$350. no one bought it. Saw a Halli SX101 for \$350 with speaker, no one bought it. Saw a Halli SX99 for \$70 and would have bought it myself but hadn't sold any of my stuff yet and when I did it was gone. It was in nice condition too. Lots of nice old AM radios. Put up my B/A sign but no one said anything to me about it. Had a good time as usual. Some one told me that Livermore swap meet is tomorrow. Maybe I'll go and hope the guy with the halli SX 99 is there. further adventures later. Don

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: Mike Toneri <toneri@ils.net>
Subject: Re: Classic Exchange 3560kc
Message-ID: <199702011749.MAA11937@server1.ils.net>

At 10:49 AM 1/31/97 -0600, w2ec@VNET.IBM.COM wrote:
>Please don't forget to occasionally look up around 3.579545 as well, it's the
>only 80 meter crystal I have for my AT-1. Where are people getting their
>crystals now-a-days for these other freqs?
>
>73, Ray W2EC w2ec@vnet.ibm.com

I think the only crystal I have that is close to the preferred CX frequency is 3568 khz. I will be running that in the Adventurer. I will tune up and down from that frequency after calling CQ just in case others are crystal controlled nearby.
73...Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: Rich Arland <qrpri@postoffice.worldnet.att.net>
Subject: Classic SSB Exchange
Message-ID: <19970131223047.AAC27243@LOCALNAME>

Gang:

When, where and how long?

73 rich K7SZ

(Gotta put my SX-117/HT-44 to good use!)

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: marty@aa4rm.radio.org (locale for Marty Reynolds)
Subject: Re: Classic SSB Exchange
Message-ID: <199702011529.KAA25700@aa4rm>

Hi Rich:

On

> When, where and how long?

The event is mostly CW at 3560 and 7060 but Greg Roecker et. al. have evolved a classic SSB rendezvous at i"official fone freq.s" on the hour.

The whole CX rules magilla is at [//qsl.asti.com/CX/Cee.html](http://qsl.asti.com/CX/Cee.html). Last fall's newsletter is <http://qsl.asti.com/CX>.

As Bill Sorsby N5BU reminds...

Official CX phone frequencies are: 3.880, 7.290, 14.280, 21.380, 28.320

With known participants:

NAME	CALL	GEAR
Al	K0AL	
Brian Harris	WA5UEK	Cosmophone, FT101ZD and TR4
Chuck Penson	WA7ZZE	SB-102
Hal	K3AB/7	
Greg	N40SJ	Swan 500C, Drake C line, and B&W 5100B/51SB-B
RM	AA4RM	Cosmpohone
Bill Sorsby	N5BU	100V/R390, HT-37/SX-101A, Pacemaker/HA-350(maybe) Eico 753, TR-3, Swan 500, KW-2000B, KWM-2A, SB-102

Best,

Marty

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: David Prince <davprin@gil.com.au>
Subject: Re: Collins R390A Name Plate Question
Message-ID: <32F4C7DE.6638@gil.com.au>

G'day Gang,

My AMELCO R-390A has a name tag that is 2 1/2 inches by 1 inch. Serial# is 2540 on Contract 35064-PC-62. Incidentally, what is 'PC'

in the Contract#. I think PH is Philadelphia.

--

Dave Prince
davprin@gil.co.au

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: Dgnova@aol.com
Subject: CR-5
Message-ID: <970201162843_-1911719707@emout01.mail.aol.com>

If the CR-5 is the same as the CR-7 then:
These are set up to operate just a little below the amateur 2 meter band. The trans-
mitter is crystal controled. There are 3 each type 3A5s and one 3Q4
If I remember corectly, the crystal is just a little below 18 mcs. The
receiver is a
super regen

The only way to convert them, as some one earlier said , is through the use
of a
hack saw.

They were common on the surplus market in the 1950s
Send me your snail mail address and I will send you the schematic.

Philip McCoy dgnova@aol.com

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: Jay Coward <jayc@hpcmr42.sj.hp.com>
Subject: re:CR-5
Message-ID: <9701312143.AA08450@hpcmr42.sj.hp.com>

Greetings,

The CRC-5 is in fact a pilot's survival radio.I don't
know any more about it except for an article in
Surplus Conversion Manual III that involved the use
of a hacksaw<cringe!>.

73,Jay

PS Hope to see some of the BA people at the CHRS swap
tomorrow at Foothill College.

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: Ho4bart@aol.com

Subject: Re: CRC-5

Message-ID: <970201152830_540236383@emout06.mail.aol.com>

In a message dated 97-01-31 16:43:33 EST, jayc@hpcmid42.sj.hp.com (Jay Coward) writes:

<< The CRC-5 is in fact a pilot's survival radio.I don't >>

actually isn't the article abt the crc-7, so this would be an earlier kin? the crc-7 has the works in a soldered shut compartment, top part of the radio, so to get to the xtal to change to 2meters the 'conversion' involved cutting the tubular package near the bottom of this compartment. i have one this was performed on.....then not completed. probably the owner realized it wasn't extremely practical as a 2m talkie. hue miller

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997

From: Sheldon Wheaton <swheaton@sky.net>

Subject: RE: CRC-7 (was CRC-5)

Message-ID: <Pine.GSO.3.93.970201175055.19879B-100000@sky.net>

On Sat, 1 Feb 1997 Hue Miller wrote:

> << The CRC-5 is in fact a pilot's survival radio.I don't >>

>

> actually isn't the article abt the crc-7, so this would be an

<snip>

I agree with Hue, I suspect the reference was to a CRC-7. I don't know of a CRC-5. This is a neat survival radio, and the problem previously cited regarding the solder sealed case that typically got cut open during a conversion is common. I've got a conversion article (with schematic) that discusses the now unthinkable dissection. I'm fortunate to have one that hasn't been subjected to the "knife", but then I can never really operate either, unless I want to monitor the 122.5 AM aircraft emergency frequency (not much fun around here).

I'd like to find the original military manual (or photocopy) for this thing. If anyone would like the conversion article with schematic, just send an SASE to me (QRZ address is OK).

73,

Sheldon KC0CW

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: tomrice@netcom.com (Tom R. Rice)
Subject: Crystal kits, maybe?
Message-ID: <199702020140.RAA26147@netcom8.netcom.com>

>

> In the wake of the appearance of Phoenix Crystals, it occurred to me that
> while NEW FT-243 packages may be unavailable, there is a multitude of FT-243
> crystals out there for frequencies nowhere near the amateur bands. I have a

<snip, snip>

> So...why do we necessarily need to buy the holders? Could a vendor like
> Phoenix just grind the crystal itself, ship it to us, and let us drop it
> into an available FT-243 case? The cases aren't sealed and come apart very

You just might have something there. The gentleman has said that plated xtals are more stable and reliable than "clamped" (a la FT-243) xtals, so he was focusing on that style. Given his current sourcing problems, he might be interested in offering a "crystal kit", wherein he could furnish a rock ground (more or less) to a specified freq, to be installed in your holder.

I doubt that he could be very precise about the resulting freq, however, given that he couldn't control the circuit or the holder. Mebbe we could send him the holder and thus get better freq control?

I also am going to ask him if, given his lack of xtal blanks, he could use the bags of surplus ? mc surplus rocks (larger than FT-243) I have hoarded over the years with xtal filter thoughts in mind. Could we send him several "recyclable" surplus rocks and get one usable one back for a modest fee?

The one problem is that we seem to want him to work for the minimum wage! I really don't think that 12-15 bucks for a custom freq rock is unreasonable, considering the amount of labor involved. Perhaps we'd best wait for his info sheet/price list!

Just another opinion.....

73 de WB6BYH

--

"Start off every day with a smile and get it over with." --W.C.Fields

Tom R. Rice
tomrice@netcom.com
CIS: 71160,1122

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: gpewitt@execpc.com
Subject: Crystals
Message-ID: <Chameleon.970201194957.gpewitt@execpc.com.execpc.com>

Why not send them your crystals with the unusable freqs
and let them put something you can use in the holders?
Maybe they should have a deposit on the holders?
Core charge like when you buy a rebuilt starter for
your car?
That way they could test them and know they would work
before they ship them. My \$.02 worth.

Name: Gary Pewitt N9ZSV/KT
6120 W. Calumet Rd. Apt 204
Milwaukee, WI 53223
414 355 8147 Home 414 297 4307 Work
E-mail: gpewitt@execpc.com
From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: Spencer Petri <spetri@e-tex.com>
Subject: Dallas Sidewalk Sale
Message-ID: <m0vqpL0-00015nC@e-tex.com>

Hello Bargain Buyers,

Very slim pickings, BA radio -wise, today. Saw a few over priced S-38s and
that was about all the old radio gear. Still plenty o' test gear tho'. It
must be old test gear heaven!

Ended up getting a NIB Simpson 240 VOM. Even has the warranty card, think
I'll send it back!

Also stumbled back to the truck with a Superior Instruments Co. VTVM. About
1 1/2 the size of an Eico. However this thing also measures capacitance (maybe).

Found a box of four very large selsyns which also followed me home as well
as several boxes of small parts, some of which came in the cardboard
shipping box of an APX-6.

Got an assortment of 1950s type electronic books, some of which I think I'll
offer here on the reflector at a later time.

The sun was shining and temperature was in the upper 60s when I left, so it

was a nice trip.

73 de Pete WA5JCI

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: MODSTEPH@ACS.EKU.EDU
Subject: Don't say nobody told you...
Message-ID: <01IEWA6G7TFM00AQTY@ACS.EKU.EDU>

...that "CX," the Classic Radio Exchange contest, is
TOMORROW, Sunday, Feb 2. But your iron where your mouth is -
or at least where your fingers are...

And if you still do not have details on it, e-mail me
direct and I shall get them to you.

CU on CX!!

73, Al N5AIT
modsteph@acs.eku.edu

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: Mike Sanders <k0az@i1.net>
Subject: Drake xtal filters question.....
Message-ID: <3.0.16.19970131183819.2eb74d8c@i1.net>

Greetings All, I just have not had time to pull filters out of units
or call Drake. The manuals don't help on a quickie so I will ask the
list. Thinking that the original upper sideband filter in a TR6 may
be "off" I was wondering if one from a T4X might work as a test. The
TR6 sounds fine on LSB with the optional filter installed but very
pinched on USB (the normal mode for 6 meters). Does anyone know about
these filters?
73, Mike K0AZ

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: "Andy Howard, WA4KCY" <102452.362@compuserve.com>
Subject: Few More Unusual Items
Message-ID: <199702011834_MC2-10A4-B74D@compuserve.com>

Hello to all,

Still cleaning up and trying to make room. Here are a few more items for sale.

CAQZ-26026 Navy Flameless Key with cord and phone plug. Neat key. \$25 plus shipping.

SW-109 Microphone. Looks just like T-17 but has larger holes in mouthpiece. Works great on my ART-13. Collins style plug and cord. \$25 plus shipping.

RS-38A Microphone. This is the small round TCS type mike. It is carbon and has Collins style plug on the end of curly cord. Somebody was looking for one of these recently. \$20 plus shipping.

1962 How To Become a Radio Amateur. Mint condition \$10 plus \$3 priority mail.

PRC-25 Complete with Antenna, Battery Box and case of new batteries. Has handset. This PRC-25 has been altered to operate 29 mc. to 74 mc. continuous tuning. Good for 10 meter FM and 6 meter FM. \$350 plus shipping.

BC-344 Receiver. This set is original with built-in AC supply. Case needs repainting flat black and the front panel needs cleaning. It has been stored for years. Probably needs recapping like the rest of this type receiver. A rare set and would make a great addition to a military collection. \$100 plus shipping. Weighs 60 pounds.

Thanks and 73,

Andy, WA4KCY
Carrollton, GA

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: KB9VU@aol.com
Subject: Filter choke
Message-ID: <970201041650_376707222@emout11.mail.aol.com>

Does anyone on the list have a schematic for the Heathkit Apache? Need you to check the value of the power supply low voltage filter choke. In my DX-100B, the choke is bad (a 7 h @ 150 ma beast) and I have an offer of the working choke out of the Apache.

Thanks!

Mike, kb9vu@aol.com

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: David Medley <davemed@worldnet.att.net>
Subject: Fixemup Radios Wanted
Message-ID: <3.0.32.19970131155204.0068cb90@postoffice.worldnet.att.net>

Hi Gang. I am interested in buying a few old Hallicrafters or National Radios. I am not interested in basket cases but in radios that are capable of restoration even with a lot of work They need not be clean but I regard radios which are corroded or rusted as basket cases.
As I grow old(er) my interest in Ham radio is on the wane but I have always enjoyed working on oldtime ham equipment, especially receivers. I believe this will become an increasingly important part of my life in the coming years so if anyone out there has an old boatanchor gathering dust in your closet or otherwise taking up space which you could better utilize send me an e-mail at:
<davemed@worldnet.att.net>
Dave
David Medley KI6QE/7 VK2IMJ
davemed@worldnet.att.net
Tucson Arizona

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: "Allan Fritsche" <fritsche@msn.com>
Subject: FM-60 Connector
Message-ID: <UPMAIL03.199702010052200213@msn.com>

Hey Gang, I am sure you are tired of me asking about things (remember Ben said we are loud mouth Texans) but we all keep the faith down here. About 2 months ago , when I was working on the little Hammer FM-60.

HAMMER

2

WAY

Radio

Some one named DAN , I think had a connector to send me.

Well Dan, Ive gotten replies from a bunch of Dans from the internet and they said get serious. Bottom Line is (Dan send me your E-mail)

last for me tonite and peace to all.

Al

fritsche@msn.com

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997

From: Bob Rolfness <rsrolfne@atnet.net>
Subject: FS - Misc \$20 Sale
Message-ID: <32F3DCE8.3F3A@atnet.net>

Greetings All -

Following items for sale at \$20 each. Plus shipping.

1. CV-253/ALR 40 to 1000 MHz Tuning Unit head for AN/APR-4
Good physical condition.
2. Loudspeaker Permanent Magnet LS-272/UNS-1
Stock number 5965-644-0263
Serial Number 2409 Part Number 90E1022-501
Contract AF30(635)-4477
Mfg. - Honeywell Electronics, Inc.
Case is Blue and a 5 or 6 out of 10.
3. Filter Choke - Potted Case
UTC No. D-3227 TF 1A04YY
11 Henrys at 500 Ma DC
Working Voltage 3930 Volts
4. Simpson Model 260 Series III VOM
Copy of IB, Works Great
A 7 on a scale of 10
5. Blastproof Speaker
University MM2 15 watts 16 ohms
6. Eimac Air System Socket Model 4-400A 4009
5 pins for 4-400 or similar [3-500 I think]
7. Eimac Air System Socket Model 4-1000A 4000
5 large pins for 4-1000 or similar
8. Heath IM-5228 VTVM - copy of IB
Works Great, Excellent Appearance, missing probe
9. Old Test Meter, AC Voltage - Weston Model 528
Number 46204. Leather, felt lined case.
2 scales - 0 to 15 and 0 to 150 Volt
7 or 8 on a scale of 10.
10. Unknown military test box. Small fully enclosed Metal case
with sealed 3 inch round meter. Two scales -
50 to 125 volts AC and WATTS INTO 16 OHMS.
Stenciled on case "Stromberg - Carlson 290149"

Excellent Condition

11. 3 Amp - Adjust-a-Volt [VARIAC]
0-135 volt out, 120 volt in, 60 cps
Excellent condition

Any interest or questions, please email direct

73's Bob W7VZX

Moses Lake, WA. Zip 98837

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: Mikhael Brown <mikhael@hpcmmp13.sj.hp.com>
Subject: FS InterPhone control Boxes
Message-ID: <199702011857.AA040923478@hpcmmp13.sj.hp.com>

Picked up some of the BC-606D interphone control boxes,
MPF July, 1952 printed on them. In good condition, complete.

Asking \$10 plus shipping. e-mail me if interested.

Mike
N6WIG

--

This is a private opinion or statement and is nobody's fault but mine. No
person, employer, or government should try to take credit for it!

mikhael@hpcmmp13.sj.hp.com

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: WA6GYD@aol.com
Subject: FS, Heath
Message-ID: <970201192427_1112098686@emout16.mail.aol.com>

I have a DX60B transmitter with an HG10B VFO and orig manuals in very good
condition for \$125.00 plus shipping. any interest.

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: "D. Ragsdale" <doragsda@polymail.cpunix.calpoly.edu>
Subject: FS: Millen/Military Absorption Freq. Meter Set
Message-ID: <199702012358.AA213331531@rubens.artisan.calpoly.edu>

I have a :

Signal Corps. U.S. Army
Frequency Meter Set I-129-B (Absorption Type)
Order No. 14988-Phila-43
James Millen Mfg. Co., Inc.

Set of absorption frequency meters in an Olive Drab metal case with standard WWII nomenclature tag on it. Case has slots for 4 absorption freq. meters, but only three are in it, covering:

1.5 - 3.5 MHz
3.5 - 8 MHz
8 - 18 MHz

>From the late 40's handbooks, it looks like the fourth Millen unit would have covered 18 - 40 MHz. These are the "field" type units, rather than lab type (they are bigger and have a clear plastic protective covering over the coils.

The units are in excellent condition, the case is very good.

\$60.00 plus shipping for the set.

Dave
David Ragsdale
doragsda@oboe.calpoly.edu -or-
du651@oasis.calpoly.edu

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Gone...
Message-ID: <58972.ddillman@igc.apc.org>

So long for a while. I'm off for three weeks in Amsterdam on business so please don't take it amiss if my response to email may be a bit delayed. With luck, I'll have some BA tales to relate upon my return. Try not to wreck the place while I'm gone.

Dick Dillman
WPE2VT W6AWO
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: wallace@world.std.com (Andy Wallace)
Subject: Halli HA-1 vs. HA-4 keyers
Message-ID: <32f86bff.1870306@world.std.com>

On Fri, 31 Jan 1997 11:15:43 -0600 (CST), ARONGV@aol.com wrote:

>HA-4 TO Keyer (Not the HA-1)

Ron -- and boatanchorites -- what is the difference between the HA-1 and the HA-4 keyers? I have the HA-1 (which needs a new coat of paint...what's a good match for Halli grey?) and am curious what the -4 looks like. Any improvements? Was it solid state?

--Andy
wallace@world.std.com

Curly: Oh....short wave?
Moe: No! Poimanent.
<BONK!>
(THEY STOOGE TO CONGA, 1943)

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: BOB/WB0AUQ <brainbol@idir.net>
Subject: Re: Halli HA-1 vs. HA-4 keyers
Message-ID: <32F2BD4E.E16@idir.net>

Ron, Andy, et al.
HA-4 TO Keyer is SS. "... employs digital circuitry, similar to that found in modern digital computers, to form perfect code....." according to the manual. Built-in ac supply, 2.625"H x 7.5"W x 5.75" D. Pretty much same features as the HA-1 'cept not hollow state.

Bob/WB0AUQ/brainbol@idir.net

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: Rich Arland <qprich@postoffice.worldnet.att.net>
Subject: Hammarlund HQ-110 Restoration
Message-ID: <19970201185346.AAC15486@LOCALNAME>

Gang:

Last weekend I procured a HQ-110C with matching speaker form Rick Yerke in Moscow, PA. As advertised, the rig "worked" but was in a horrible state of uncleanliness.

Whoever owned this rig had been a 12 pack-a-day smoker. What a mess! The entire case and front panel of the rig had a very thick film of tar which took 3 washings to remove. (we used plain old soap and water). Something had spilled down onto the rig from above and had etched the plastic S-meter cover and left some trails through the paint. The clock is working fine but the plastic clock cover is cracked in several places and needs to be replaced. The front of the chassis that was secured to the front panel was so thick with black/orange grunge that it took repeated washings with "pink-stuff" and metal polish to finally grind my way down to bare metal.

At this point, I am debating on whether to put the rig back together, align it and start looking for another HQ-110 that doesn't work but has a good front panel or to strip, respray and reletter the existing front panel. Neither option sounds pleasing at this point, but I am leaning toward getting another rig to use for parts with a good front panel.

All the controls were gunked up and took multiple sprayings with DeOxit to get rid of scratchyness. The underside of the chassis is about as dirty as the top side, indicating that this rig might have been used out of it's case for many years.

Speaking of the case, it is bent! It's not really noticable UNTIL you start to put the rig back inside the case and look closely at how the chassis is lining up with the holes in the back of the case where the screws go in to secure the unit. Looks like our VoEd autobody shop will get a chance to prove themselves, again!

Robert Fowle mailed me a manual for the HQ-110 (this is the original 1954 model, not the "A" version) so I should be into the alignment phase by mid week, barring any unforeseen problems. The matching speaker cabinet was grungy and we finally got it looking passable, including the speaker grill that was orange/yellow and gray instead of white and gray.

I really like this little rig. It is a great example of a mid '50s Novice receiver that has some preformance (as compared to HR-10s, S-38s, etc). I'll gladly do cosmetic restoration as opposed to reconstructing the innards of a rig that someone else has chopped up!

More later as things progress.

73 rich K7SZ

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: billo@nti.net (Bill Wilson)
Subject: Hammarlund Speaker for sale...
Message-ID: <19970131214718055.AAA111@LOCALNAME>

I have the matching speaker for the HQ180/170 series radios for sale.
Nice condition, Asking \$60 & UPS.

Bill
AC4LC
Jacksonville, Al. 36265
email; billo@nti.net

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: billo@nti.net (Bill Wilson)
Subject: Hammarlund Speaker sold
Message-ID: <19970131230030491.AAB217@LOCALNAME>

The speaker is gone, thanks for all the replies.

Bill
AC4LC

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: Heath C-3 manual available
Message-ID: <3.0.16.19970201163700.2fb703cc@pop.pipeline.com>

A Heath C-3 Condenser Checker manual also followed me home in the
bottom of a box... Alas no C-3, just the book.

So I have a free C-3 manual for the first person who can tell me
a really funny reason they should get it...
Photocopies will be available to all runners-up...

Rules of Ware apply...

Winners will be determined by:

1) Tell me why you need/want it, points awarded for:

- a) Looking for someone your "Elmer-ing"
- b) For old manuals/documents owning the radio or whatever.
- c) *Making up an outrageous story of what you will use them for. :-)

* For item "c" the taller and more unbelievable the better...
Stories about Tooth Faerie(s), gold fillings, or how the CIA is spying
on you by listening to your teeth, are always good for extra points.

2) Bonus points to anyone who has sent me a manual, helped
me find a part, or provided advice, (good or bad, it's the effort that
counts. :-) or sold me something at a reasonable price.

3) Double bonus points to anyone who has posted thoughtful technical
comments to one of the lists recently. I'm not that thoughtful
a person myself, but I learn a lot from reading.. :-)

Winners will be determined any darn way I feel like.
Judges decision is final. (Although open to bribes :-)

-Larry

-Larry Ware
lrware@pipeline.com
Orlando, Florida

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: Bill Meara <wmeara@erols.com>
Subject: Heath ex-(VT)VM
Message-ID: <199702011551.KAA18889@smtp3.erols.com>

Anchorologists:

Picked up a nice looking Heath IM-28 VTVM at Frostfest (12 bucks). Turns
out that the tubes in this meter have been replaced (gasp!) with SOLID STATE
DEVICES! Two of 'em.
Right where the tubes were! Right in the tube sockets! These shameless
imposters have no sense of decency!

Anyway, I'd heard of similar barbarities being done with other tube type
gear. I'm just wondering if these little plug-ins were straight
replacements for the tubes - or did they have to do other circuit mods to
accommodate this heinous modification? Any thoughts on performance before
and after? (Try to be objective!)

Does anyone have the 1 meg ohm AC/DC switchable probe that came with this
device (or a workable substitute).

Thanks!

73 De N2CQR

Bill Meara
Hallicrafters, Heaths and Hammarlunds
QTH: Falls Church, Virginia, USA
Formerly of Tegucigalpa, Bilbao and Santo Domingo
wmeara@erols.com
<http://www.mindspring.com/~johnmb/billm.htm>

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: "David M. Nance" <dmnance@roanoke.infi.net>
Subject: Re: Heath ex-(VT)VM
Message-ID: <32F40448.3CF5@roanoke.infi.net>

Bill Meara wrote:

> Picked up a nice looking Heath IM-28 VTVM at Frostfest (12 bucks).
> Turns out that the tubes in this meter have been replaced (gasp!) with
> SOLID STATE DEVICES! Two of 'em.....
> I'm just wondering if these little plug-ins were straight
> replacements for the tubes - or did they have to do other circuit mods
> to accommodate this heinous modification?.....

Bill,

It just so happens I was involved in a discussion on this very subject Wednesday night while my son was taking his ham radio class. I'm still looking for a bargain on a HP606B signal generator and happened to ask this guy if he knew where I might find one (never hurts to do a little BA prospecting). He proceeded to tell me everything he had was Heathkit and then launched into this 30 minute diatribe about his "stuff". The only substantive comments he made involved his Heathkit VTVM and his replacements for the two tubes.

According to him the phone company had solid state replacements for their 12AU7 and 6AL5 (and maybe others-I think I got the numbers right). He had a name for these replacements but I don't recall it. This was apparantly back in the 60's or early 70's. Anyway, he did a favor for some friend who worked for the phone company and the friend repaid him with some of the tube replacements. He did say they were direct plug-ins.

I could give him a call and get more detailed information, but I don't know him that well and only have one lifetime to spend on the phone. Next time I see him (maybe Wednesday) I'll ask him about them and write the info down this time.

Enjoyed meeting you at Frostfest.

73,

David - WB4SSE

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: RE: Heath ex-(VT)VM
Message-ID: <A4926ZWRPRC69M*/R=OUVAXA/R=A1/U=POST/@MHS>

>From the Summer '77 Heath catalog.

"Convert your IM-5228, 5218, 18, or 28 to instant-on solid-state operation with the IMA-18-1. Two solid-state devices plug directly into tube sockets. Provides instant on service. Helps eliminate pointer-drift problems. 17.95 "

Nice find. Should be plug-in reversible. Any probe with a 1 megohm resistor will do for DC. Use a small switch to short out the resistor for AC and Ohms.

I like these old VTVM's. Just redid an RCA Master Voltohmyst WV-87A. (a BIG meter version of the RCA voltohmyst series) The capacitors in the dual triode (12AU7 ususally) grid circuit are fairly critical. Any leakage will cause problems with calibration for DC. Everything else is dependent upon accurate low-scale DC.

73 de Rich KB8TAD <rpost1@ohiou.edu>

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: "Allan Fritsche" <fritsche@msn.com>
Subject: High Cost of Boat speakers.
Message-ID: <UPMAIL03.199702010039330070@msn.com>

Hey Gang, I really feel that at some point of time in the near future the R-46,A,B and the NC Variant type speakers and the S-200 Hammer speaker will cost more then the receivers themselves. Anybody getting that drift, or is it just me?

Al
fritsche@msn.com

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: Hal Waite <halwaite@sprintmail.com>
Subject: Re: High Cost of Boat speakers.

Message-ID: <32F2A09A.76CF@sprintmail.com>

Allan Fritsche wrote:

>
> Hey Gang, I really feel that at some point of time in the near future
> the R-46,A,B and the NC Variant type speakers and the S-200 Hammer speaker
> will cost more then the receivers themselves. Anybody getting that drift, or
> is it just me?
> Al
> fritsche@msn.com
>

Frankly, except for the purist, I believe that modern speakers sound better. A visit to Sam's Club or Costco will give you an excellent selection and pleasing and/or sharp audio at a low price.

I have the SX-28 and the NC-183D original speakers but they are just for display! I do use the original speakers on the Drake C-Line, the Swan 700S, and the Cubic Astro -103.

Hal K3AB/7 Las Vegas

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: "michael ferraro" <ferraro@ix.netcom.com>
Subject: how do i change mail address ?
Message-ID: <199701312207.0AA07905@dfw-ix3.ix.netcom.com>

does anyone know the procedure for alerting BOATANCHOR MAIL LIST of a change of mail address ?

thanks ,

mike

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: Jeffrey Herman <jeffreyh@hawaii.edu>
Subject: HT-41 amp
Message-ID: <Pine.GS0.3.93.970131141024.4670B-100000@uhunix5>

My friend, Ron KU7Y (a diehard QRP'er) asked me to forward the following question to the list - *please* respond directly to him - his address is below.

Jeff KH2PZ

From: Monte Stark <ku7y@sage.dri.edu>

Can you ask around on the Boat Anchors or where ever and find out how good a Hallicrafters HT41 Linear Amp is? How much power do they run and how much are they worth?

My boss wants to trade me out of my NorCal 40a! :-)

It has a pair of 866A's in the power supply and a pair of 7094's in GG.

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

...ku7y@sage.dri.edu.....Washoe Lake, Nevada....

...QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997

From: JOHN_SEHRING.parti@ecunet.org

Subject: IF NOISE LIMITERS

Message-ID: <9702011203.aa12801@pcusa01.ecunet.org>

The Halli SX-115 used a *very* simple (2 diodes, 1 cap, 1 switch) IF noise clipper. It does its work in the 50 KHz IF area. I don't have an SX-115 schematic with me & don't remember exactly where, maybe across the primary of the last 50 KHz IF xfmr (plate ct of last IF amp).

As this is a point of high selectivity two things may happen:

1. Narrow impulse noise pulses may get stretched out, reducing the clipper's effectiveness (although it works well for that).
2. This circuit will however be quite resistant to cross modulation effects (the latter frequently happens in noise blanker circuits that use active stages & derive a control sig from a point of much lower selectivity)

I installed a clone of this circuit in my Halli SX-101. All the Halli's with the 50 KHz 2nd IFs have a *very* similar 2nd IF circuit so you can try it on S-76, SX-96, -100, -101, 101A, -122.

It worked very well on CW & SSB to kill ignition noise (I used the radio on 10 m mostly). As this is very low freq IF, the circuit lead dress is not critical.

I used 1N914's but they kept going bad, too much RF voltage exceeded the diodes' PIV ratings?; did not pursue this--anybody know of a more suitable diode? The original Halli diodes part #'s are something that starts with 'HDxxx', I think.

Would appreciate any SX-115 owners filling in the details on all this as I'm working from memory.

P.S. Larry, where did you find that article on IF clippers?

-John Sehring (01/31/97 3:57 pm ET @Midlothian, VA) ucc wb2eqg

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: Ronnie Hull <larebel@ms1.nwla.com>
Subject: Im embarrassed!
Message-ID: <1.5.4.16.19970201060500.266f2180@ms1.nwla.com>

my previous post about my 75A3 had mention of
"when I put it in SSB the signals go way down"
Funny, this front panel is immaculate, except that
the lettering is worn off on one position of the
mode switch. puttin on me glasses and looking closer
it says FM..... no wonder..

I mutters to meself, you big dumb irish blockhead...

Its 6 am here in Louisiana, and I am hearing a few
AM sigs on 3885, but they are way down in the mud and
the "duckbills" are comvering them up!!!

I still can't believe it, after 6 months of looking, I
have an A3... now... for an A4.. LOL

Ronnie = W5SUM

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: Larry stumbles across another box of junk -or- manuals wanted
Message-ID: <3.0.16.19970201162344.0b0fe52a@pop.pipeline.com>

Hi Folks:

Honest! The whole load just followed me home... I have *no* idea
how all that stuff jumped into the back of the car honey, Really!
I was just over at the VFW club, and errrrr, well you know those
guys I see sometimes about old radios? Well they were all over there
and it seems they had a little estate sale going... Trying to help
out the widow you know... Anyway I just stopped by to look, wasn't
planning on buying a thing...
Well anyhow somehow all this stuff ended up in my car, and now thats
it's here anyway... I could sure use some manuals.

I think I'll clean, fix and test this collection of junk, errr...
Great Vintage Test Equipment and then see if anybody on BA
wants any of it...

Manuals needed for:

Heath TC-3 Tube tester, already has a roll chart.
Heath GR-81 Receiver.
Heath V7-A VTVM.
Heath T-4 Signal Tracer.

Jackson 637 Tube Tester, need manual and Tube Chart.

Eico 360 Sweep Generator.

Simpson 260 (no suffex) VOM.

Photocopies are fine, will gladly pay copy and shipping expenses.

Thanks

-Larry Ware
lrware@pipeline.com
Orlando, Florida

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: klzat@dsport.com
Subject: Re: Manual for KW Matchbox?
Message-ID: <Pine.GS0.3.95.970131194256.24352A-1000000@puff>

> Does anyone have an original manual for a Johnson Kilowatt Matchbox
> that they might be willing to part with?

I got one but aint willing to part with it. Might make
you a copy though..

jd

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: Mike Toneri <toneri@ils.net>
Subject: Re: Manual for KW Matchbox?

Message-ID: <199702011749.MAA11934@server1.ils.net>

At 09:44 AM 1/31/97 -0600, Jack Harper wrote:

>Greetings and Felicitations...

>

>Does anyone have an original manual for a Johnson Kilowatt Matchbox that
>they might be willing to part with?

>

>I have just adopted one and am now committed to providing a Happy Home for
>it next to my Hammarlund HXL-ONE on an indefinite basis (Thank's Chris K04QW
>of the BA List) and would very much like to find an original manual...

>

>Regards to all

>

>Jack, KC0LR (Friend to all things Hammarlund)

>-----

I can make a copy of mine if you can't find someone to part with an original.
..Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997

From: Larry Godek <AZCOT@gnn.com>

Subject: misc avail

Message-ID: <199702011635.LAA05627@mail-e2b.gnn.com>

Some of the gear I find available is as follows.

RBA-1 for \$100. Good buy?

CAY20086 Whatsit?

CCT46076 Whatsit also?

Coast Guard DAE-1 DF unit. How big and whats it worth? Is it
useful?

CMX 46156A power supply for/with (?) RAL-8 ?

Any leads or info on this stuff???

Larry Godek W00GH
AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TAO, KN6TUP

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: KB9VU@aol.com
Subject: Need....
Message-ID: <970201201247_-2011707358@emout13.mail.aol.com>

Anyone have a pair of SK-406 chimneys they would part with for an old L-4?

Thanks.

Mike, kb9vu@aol.com

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: John <johnmb@mindspring.com>
Subject: new ham needs help w/TR4
Message-ID: <1.5.4.32.19970201223742.0091c014@pop.mindspring.com>

I have been contacted by someone needing help
with a Drake TR-4...if you know this rig and would not
mind answering some questions for a newly upgraded
ham, please drop a line

Best 73
/John

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: Larry Godek <AZCOT@gnn.com>
Subject: noise pfzzzzttt
Message-ID: <199702011456.JAA18783@mail-e2b.gnn.com>

Re the discussion on noisy environemnts.

The other evening I came into the shack and turned on the Scott
rec. to do some SWL work as there ws no AM activity on 75 meters
yet. What the h*** is this stuff? Solid noise across the
spectrum. Turned off the other gear, computers, power supplies.
Nuttin. WHERE IS THIS STUFF COMING FROM? It wasn't there the
night before. Sounded like high speed arc. I don't have anything
halogen in the house. Turned off washing machine, TV , VCR,
unplugged night lights. Still there. Stop and think. What did I
do. Aha. Went into bathroom and unplugged the electric shaver.
Noise wnet away. Reason? Battery in shaver won't hold a charge

anymore. Noise was due to the thing being plugged in with dead battery. Had a similar thing happen with a night light. Apparently there is a small diode inside that does some half wave rectification. Only found it by turning off a circuit breaker. All my local power is buried so suspects for this stuff are all above ground. Neighbors pool motor and kids toys.

Larry Godek W00GH
AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TAO, KN6TUP

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: Orlando F.A.W.G. Estate auction results...
Message-ID: <3.0.16.19970201181005.35571f70@pop.pipeline.com>

Evening firebottle fans... Spent most of today at the estate auction for silent key "David McKenzie" run by the FAWG group.

Most of his collection was very early 20's-30's BCB stuff, however of note and interest to BA lovers everywhere:

LSI Signal Corps speaker in metal box: <good>	\$9
S38C Halli.: <very good condition>	\$35
Misc. Riders: <good>	\$20-40 each
Pratice code machine: <with metal "tapes", fair>	\$40
Lyden Jar: real antique <fair, small crack>	\$15
National SW-2: clean, W/tubes, no cabinet	\$125
BC-1066-B Receiver: black wood box, <good>	\$60
National 1-10: W/coil set <very good>	\$150
1920's QST's bound sets <fair to good>	\$5-40 per year
National SW-3 model 1: W/dog house & coils <vgood>	\$200
Gibson Girl radio: w/docs <good>	\$40?
J38 key on black base: <fair> *mine now*	\$10
Spark Gap on Marble Base: <excellent> *mine now*	\$10

Lots of other stuff, including over 100 lots of tubes, test equipment, parts, etc. Some of which followed me home... :-)
Some Collins equipment, but I left before it came up on the block.
Including a 32S-1, 75S-1 and 516-F2 speaker/power supply.

I might even learn to use the key some day... Stranger things have happened...

Larry's Home for Wayward Test Equipment & Old Radios (tm)
Let your equipment retire in sunny central Florida.
Intensive Care, Private Bench Space, Frequent Use,
Factory trained HP, Tek & Fluke Surgeon on staff.
Good Home Guaranteed or double your junk back!
lrware@pipeline.com - Orlando, FL -

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: Re: Orlando, Florida Ham Fest
Message-ID: <3.0.16.19970131193346.0b3f9ff2@pop.pipeline.com>

At 02:46 01/31/1997 -0600, it was written:

>Feb 15&16
<for Orlando hamfest>

>Are thre any BA list people planning on attending?

Would not miss it...

Larry's Home for Wayward Test Equipment & Old Radios (tm)
Let your equipment retire in sunny central Florida.
Intensive Care, Private Bench Space, Frequent Use,
Factory trained HP, Tek & Fluke Surgeon on staff.
Good Home Guaranteed or double your junk back!
lrware@pipeline.com - Orlando, FL -

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: tomrice@netcom.com (Tom R. Rice)
Subject: Phoenix Crystals: The Update!
Message-ID: <199702011905.LAA19078@netcom17.netcom.com>

Fellow Boat Anchorites & Glow Buggers:

I sent a letter to Mr. Morris with a SAP (Self-Addressed Postcard) and received the following response, mailed January 28:

"... We should be switched over and doing amateur xtals

within next 30 days. Present holdup is locating HC-6 crystal cans -- haven't been able to find a source still making them in U.S. Also we will need to build up our xtal blank bank to fill orders faster, so if you all could let me know what freqs and holders you are interested in, it would help. I'll put you in file so you'll get our price list and xtal info as soon as it's ready to mail."

Personally, I don't care what holder he uses so long as it can be plugged in to some sort of socket in a ham transmitter, but y'all may differ.

I'm sending in an order for the GB and BA freqs on 40 and 80 meters, with a request for info on possible 160-meter rocks. Let's hope he's inundated with orders, which I figger is a good situation when you're starting up a new business!

It might also be a good idea to let him know some details about the oscillator circuit(s) you expect to use, as this does have some effect on the final frequency.

Here's the contact info:

John R. Morris (N0ACS ex W9LSK)
Phoenix Crystals
1714 North Ash Street
Nevada, Mo. 64772

phone: 1-417-667-6179 (Note: daytime phone is answered by message recorder. If Mr. Morris is at his shop, that's 15 miles out from his home, with no phone!) Possibly he may be reached at home after 6:00 PM CST, but I expect US Mule is preferred.

73 de WB6BYH

"Start off every day with a smile and get it over with." --W.C.Fields

Tom R. Rice
tomrice@netcom.com
CIS: 71160,1122

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: rhys@ix.netcom.com (Lawrence D. Walken)
Subject: R-390A/URR Manual Needed

Message-ID: <199702011820.MAA17068@dfw-ix10.ix.netcom.com>

Hi Gang --

I'm trying to get a full set of manuals together for my wonderful '390A. I've got the Operator's and the Depot Maintenance books but would like to find the TM 11-5820-358-20. This is the sort of mid-echelon repairs. It's title is Organizational Maintenance Manual. It's got the stuff on the audio module and a few others. Don't care if it's original or a copy as long as it's in very good condition. Would be glad to help defray expenses and time. Thanks.

Larry Wolken N30JD
(202) 291-9303

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: Jack Harper <jharper@bs2000.com>
Subject: Re: RADIATION, CAUSES WILD GROWTH
Message-ID: <199701312129.0AA28265@lynx.csn.net>

At 15:09 1/31/97 -0600, you wrote:

>Dear Richard: I really enjoy this list. But some of the most interesting
>posts for me are the threads that follow. It is not just the typical where
>do I find this or that part that is important, but the followup questions and
>answers that result. I find some of the comments hilarious and some very
>illuminating, in fact I have created a file of the posts that interest me the
>most. I would hope that the list continue as is for the future. I hope
>others agree.
>
>

Amen to that!

Jack, KC0LR (Friend to all things Hammarlund... and to the Wonderful BA List)

Jack Harper Bank Systems 2000, Inc.
e-mail: jharper@bs2000.com 350 Indiana Street, Suite 800
voice: 303-277-1892 fax: 303-277-1785 Golden, Colorado 80401 USA

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1024-bit PGP crypto key with ID: 8FB07075 created 960728
Fingerprint: 75 DA 06 35 F8 3D AC EC 3A F2 7C 59 A1 11 A5 74
Key available from Public Key Servers and above Web Page

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: Larry Godek <AZCOT@gnn.com>
Subject: RAL/RAK receivers
Message-ID: <199702011630.LAA09514@mail-e2b.gnn.com>

I have been give a list of several folks who have RAL/RAK receivers for sale. Not knowing anything about them are they worth picking up? One is available for \$50 If i go and get it along with a HB power supply and cable. Others run more. I really need some input from you folks who have experience with them. Thanks for the big information package available on this list.

Larry Godek W00GH
AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TAO, KN6TUP

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: jproc@bellglobal.com
Subject: RE: RAL/RAK receivers
Message-ID: <Chameleon.4.01.2.970201135828.jproc@jproc.bellglobal.com>

>Not knowing anything about them are they worth picking
>up?

Larry,

I would definitely pick one up. In spite of being a regenerative, they really do perform well in the LF band.

Regards,

Jerry Proc VE3FAB
E-mail: jproc@bellglobal.com
Radio Restoration Volunteer

HMCS Haida Naval Museum
Toronto, Ontario

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: Red RCA metal tubes?
Message-ID: <3.0.16.19970201162552.2fb72b0e@pop.pipeline.com>

Also ended up with *lots* of NIB metal octals....
Anybody know why RCA painted some of them bright red?
Look like little fire hydrants... :-)

-Larry Ware
lrware@pipeline.com
Orlando, Florida

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: bill@skeeter.frco.com (William Hawkins)
Subject: Restoring a CV-157
Message-ID: <9702011819.AA16071@skeeter.bvc.frco.com>

Have a CV-157 here, now. Landed Thursday night. Has damage to the right rear corner (looks like somebody stood on it). T10 and some chassis-mount caps are smashed. Also has trouble in the AFC module. Turning the knob doesn't spin the spinner, but feels like jumping gear teeth. Dunno about the filters, yet.

Seems to me that if I'd bought one of these years ago, and couldn't get its 44 tubes to work right, I'd have been strong - I say strongly - tempted to strip it for the fine power supply components, at least. T10, on the other hand, is a 100KC IF transformer. Not much use for those.

If anybody out there has a stripped CV-157, this is your chance to turn the carcass into gold.

If you're wondering what it is, it's a 105 pound SSB converter, made to convert the IF output of an R-390 into two separate telephone lines carrying voice or 8 channels of TTY data. Most of the tubes are on a chassis that pulls out on slides, but has a captive cable (no disconnect). What I need is the sliding chassis, not the heavy frame with transformers.

Wouldn't turn down a frame, though. Something broke off one of the half inch diameter locating pins on the back, but did surprisingly little damage.

Looking forward to silence on this subject, but you never can tell.

Regards,

Bill Hawkins bill@skeeter.frco.com 612 895-2085 Mpls, MN 55438

P.S. Anybody ever deal with Alan Carpenter of Estes Park, CO?

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997

From: elroy@sfnet.com

Subject: Riceboxes

Message-ID: <9701311945.0RRLW02@sfnet.com>

Although I've been reading this list a long time, I've never posted anything until now. This PC Bravo Sierra has made me sick! I suggest we call Japanese solid state equipment Riceboxes, riceburners, sake suckers, or, most appropriately, SH*T BOXES! It's a real shame when the monster of political correctness rears its ugly head in our midst! 73 de KE6FOW

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997

From: w7ni@teleport.com (Stan Griffiths)

Subject: Scope Carts

Message-ID: <199702011809.KAA22610@kim.teleport.com>

I have a Tek scope cart availalble for \$10 plus shipping. It is an older style cart for a 545-size scope. It is grey wrinkle with a slanted top at a fixed angle. The paint is peeling badly but the cart is in very good mechanical shape and can be repainted or used as is.

I have found out what it will cost to ship it via Greyhound Bus to various cities around the US. With this data, you should be able to estimate the cost to get it to you.

Portland, OR to San Francisco = \$29.25

Portland, OR to L.A., Chicago, NYC = \$59.55

Portland, OR to Seattle = \$20.15

This assumes a weight of 40 pounds and no protective packaging. Just a tag with name, address, and phone number. You would pick it up at your local Greyhound depot.

Let me know.

Stan w7ni@teleport.com

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997

From: Larry Godek <AZCOT@gnn.com>

Subject: SCR-274N

Message-ID: <199702011647.LAA12899@mail-e2b.gnn.com>

I found an older manual for the 274N command sets earlier this week. It shows some difference's from the newer manual. It also shows a test set that is not in the new manual and gives some antenna descriptions as far as lengths go.

I have a couple of ARC-5 transmitters that have been modified to some extent but outwardly they are excellent shape. Power connector in back changed to 4 pin plug and keying relay along with the antenna coil and relay also have been removed. I applied 28 volts to the filaments just to see if everything lighted up. It does and sure looks neat. They are available for \$25 ea plus shipping.

Think I'll find me a 304TL and put the juice to it just to watch it glow. Place it along side the Scott SLR-F with its orange/black dial. Maybe I'll take a lil snooze. Bet I have some sweet dreams as the bottles soft light emanates outward. I've already suffered brain contamination so whats a little more. What a way to go!!!!

Larry Godek W00GH

AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TAO, KN6TUP

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997

From: don merz <71333.144@CompuServe.COM>

Subject: Serendipity

Message-ID: <970201030812_71333.144_DHB32-1@CompuServe.COM>

After this you will probably think that I am even crazier than mere participation in this list would warrant...but I have to tell you that one of the things I really like about this hobby is the pure serendipity of running into this stuff. I've seen some great stories about finding BA's on this list so I know it happens a fair amount.

Recently I seem to be enjoying the up side of the serendipity curve. Two guys called me completely out of the blue because they heard that I buy boatanchors. The one guy, Jack Buzon (I forget his call), is someone I had met at a hamfest six months ago and I didn't remember him at all. The other fellow had never even met me but heard about me through the grapevine.

Jack's stuff included a Wells-Gardner RBL-3 with the shockmount that is absolutely pristine. It can't have been out of its crate for very long--a real eye-grabber. Some of the other stuff I have already posted here. But the other neat find there were two old Teletype Model 12's that were half-buried under parts from the 1970 Ford Torino that Jack has partially dismantled in the garage. Jack was surprised I wanted them and was happy to see them leave. Meanwhile I've been looking for a decent Model 12 for almost 2 years. It was about 6 degrees outside that day and it took me 45 minutes to load all that stuff in the Voyager--my 10 year old girl thought I was insane.

Another item I had been looking for for years is one that I simply gave up ever finding. It was on my list as a want for 2 years. I called and chased every ad I saw for one and was always too late. Then this other guy calls me and says he has some military gear for sale and would I like to look at it (hey, does the bear do what?). He wasn't a ham and didn't know radios but managed to successfully describe a command set to me so I was thinking good thoughts as I pulled into his driveway. Open up the garage door and what is sitting there staring me in the face but the very RAL receiver that I had given up ever finding. I looked over the rest of the gear but I kept coming back to the RAL. It was and is in absolutely excellent condition. Not brand new but not far from it. I was tickled to death and he knew it and probably charged double what he had in mind originally. But I was glad to pay!

The other neat thing in that batch (which actually in retrospect included some real junk) was a modified BC-929 'scope that I at first took for another trashed piece of once-fine military gear. But wait, what's this? A note inside says to see the April 1954 issue of CQ. Aha! It's a Moniscope! And beautifully done too. This was a popular CQ project that let you monitor your modulation waveform and the received signal's waveform and automatically switched back and forth as you went from

transmit to receive and back. Very nice--I'm eager to see it go--the workmanship is excellent.

So this has been fun--all the more so because the gear found me instead of me having to chase after it.

Here's hoping another warm glow finds you soon!
73, Don

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: km1h@juno.com
Subject: Silver Solder
Message-ID: <19970131.171719.9791.10.km1h@juno.com>

Silver solder is available at Home Depot. I do not know the content but have seen it in the Nashua and Salem, NH stores for at least a year now. Many states have restricted the use of standard solders in plumbing use and this stuff is the alternative.

73.....Carl KM1H

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: w7ni@teleport.com (Stan Griffiths)
Subject: Re: Silver Solder
Message-ID: <199702011809.KAA22573@kim.teleport.com>

Don't forget here is a BIG DIFFERENCE between what is known as "silver solder" and the "silver BEARING solder" we are talking about for use in electronics circuits. I am not the right guy to describe the differences. I just know there is a big difference.

Stan w7ni@teleport.com

>Silver solder is available at Home Depot. I do not know the content but
>have seen it in the Nashua and Salem, NH stores for at least a year now.
>Many states have restricted the use of standard solders in plumbing use
>and this stuff is the alternative.

>

>73.....Carl KM1H

>

>

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: "Broline, Nick (Tracor MS Mail)" <ENB@eng1.tracor.com>
Subject: Supreme AF-100 Boatanchor
Message-ID: <c=US%a=_%p=Tracor%l=TRACOR/AUSTIN/000283C0@ems1.tracor.com>

Electric Radio featured the Supreme AF-100 in a delightful article by Brian Harris of Plano, Texas in Jan or Feb last year(?). I came across one in Austin this past weekend, and was intimidated! It was Supreme who put the "Anchor" in Boat Anchors! Without reciting any of the discussion in Brian's+s article, it was a delight to see the beast. At a mere 145 pounds for a 140-watt transmitter (100 out), the cabinet rivals a coffin in size. The owner reported that he had lost a number of the 3D23 tetrode power output tubes in the first year of ownership, but they were readily replaced by the manufacturer. The 3D23 was manufactured by Pacific Electronics Corp (PECO), and looks much like one of the 35-T series of tubes. Both use a tantalum plate -- designed for near white-hot operation with 1400 volts @ 100 ma. The 3D23 had been replaced by an Eimac 4-65A, which was lost in the cavern of the case. I understand that many were re-tubed with an 813, which would also have lots of room! (Actually, a 450-TH might be a tight fit.) PA was modulated by a pair of 807+s in AB2. The serial number of this specimen was "7 F 283", one shy of Brian's. Since the manufacturer+s picture was made with SN 101, it seems that at least 184 or more were sold.

Does anyone have a SN greater than or 284? I have a complete manual for copying, in case anyone is interested.

73
Nick W5FUA

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: provero@connix.com
Subject: Surplus A1
Message-ID: <199702012127.QAA20350@comet.connix.com>

I thought "Surplus A1" was surplusal@tl.infi.net, but mail there is bouncing.

Would appreciate the correct e-mail address, from Al or anyone.

Thanks in advance,

P.J. "Josh" Rovero	home:	provero@connix.com
Meteorologist	radio:	KK1D
Oceanographer	work:	rovero@sonalysts.com
Curmudgeon-at-Large	web:	http://www.connix.com/~provero/

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: pmills@A.crl.com (Phil Mills)
Subject: Swan Mark I linear help needed
Message-ID: <199702011344.AA18353@A.crl.com>

I'm trying to get a Swan Mark I linear operational...it is the one that uses 3-400Z tubes. Anyway, in my unit, there is a ceramic standoff insulator about 3/8" diameter and 3/4" tall on the underside of the chassis adjacent to the rear most filament wire hole. There is nothing connected or attached but there appears to be a broken off terminal lug under the screw. Can anyone by chance tell me what is supposed to go here?

thanks & 73,
Phil

.
Phil Mills, AB5TH **** *****
pmills@a.crl.com
281-992-5762 DAYS
Friendswood, TX (south of Houston)

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: "michael ferraro" <ferraro@ix.netcom.com>
Subject: T4XC problem !!!!
Message-ID: <199701312147.NAA14106@dfw-ix5.ix.netcom.com>

I have been working on my t4xc the past few days....it tunes up beautiful (150 w output) when using the vfo in rcvr position and xmtr position....but when put in the "separate" position in draws off resonance current without keying the xmtr !!

this problem is driving me wacky !!!

Does anyone have any ideas that I might try !

thanks,

de k6zsr "mike in montecito"

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: Tarn-X? No! [was: Cleaning Tarnish the EASY way]
Message-ID: <Pine.SUN.3.91.970131150903.6721A-100000@indy1>

Hi, Carl & Ba-listers!

Ummm, *Tarn-X?* Mostly, not. Yes, it will take tarnish off. But if you follow the directions (apply, rub off, rinse), the stuff will tarnish again, faster than before!

This came up over and over in working on VHF and up BC rigs (TV & radio), which have a lot of silver-plated, plain copper, and brass parts in the amplifier cavities, and the manufacturers and those who'd leapt on the stuff when it first came out all said the same thing: over time, it does more harm than good.

The exceptions were for cases of really awful corrosion, in which case the stuff could be used, followed by *serious* rinsing *and* the normal cleaning process (usually household ammonia, Wright's silver cream, and plenty of water).

The problem is that Tarn-X gets the surface *too* clean, and micro-etches it to boot. That's not nearly as big a problem with highly polished silver serving platters and the like as it is with surfaces plated for RF, which do not usually start out *nearly* as smooth.

Anyway, that's my experience with the stuff. I have used it, and even did a "test plate" on the outside surface of one of the big amp cavities in the F-line, by just Tarn-Xing and rinsing. It went black *much* faster than the ones each side, which were done with silver cream; also picked up some yellow-orange (sulfides, if I recall, due to auto exhaust and very nasty stuff, not near as conductive as silver oxide).

Your mileage may vary.

73,
--Bobbi

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: Rich Arland <qrpri@postoffice.worldnet.att.net>
Subject: TCS Owners/Collectors

Message-ID: <19970201043007.AAA664@LOCALNAME>

A local print shop ran off some receiver and transmitter tuning plaquards for me on card stock, very similar in color and style to the original plaquards on my TCS-14. I have a limited supply.

If you NEED a set for your TCS station, send me a SASE (legal size) and I'll send you two sets FREE! This will allow you to use one set for actual use, and should you want to trade/sell your TCS unit you can use the blank plaquards to restore the unit to original wartime condition.

The cardstock used is a slightly darker shade of light yellow than my originals, but they will look fine behind the plastic card protectors on the front of the transmitter and receiver.

REMEMBER: I have a limited number so first come first served. If you don't send me a SASE you won't receive anything in return. Only 1 request per individual, please.

73 es remember Pearl Harbor!

rich K7SZ

ADDRESS:

Rich Arland, K7SZ
PO Box 1782
Shavertown, PA 18702

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: Ho4bart@aol.com
Subject: Re: TCS Owners/Collectors
Message-ID: <970201161123_-1576941164@emout11.mail.aol.com>

In a message dated 97-01-31 23:32:28 EST, qrprich@postoffice.worldnet.att.net (Rich Arland) writes:

<< A local print shop ran off some receiver and transmitter tuning plaquards
>>

as a newbie i wouldn't know if ye have been over this turf already, but.....

bob williams of montana mentioned to me some years past that he had arc-5 replacement nomenclature plates fabricated at a 'sports trophy' shop. he sed they turned out excellent. just a tip....

hue miller

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: Ben Bradley <bradley@norcross.mcs.slb.com>
Subject: Tek scopes and old test eq. questions
Message-ID: <3.0.32.19970201203346.009393e0@norcross.mcs.slb.com>

I've been meaning to ask about some old Tek carcasses, er, 'non-operational but perhaps repairable equipment' I've recently aquired, but I've learned a lot just by lurking and reading the posts about Tek stuff over the last month or so. I've got Stan Griffith's book on order, and just received 'Tube Lore', so I hope I'm off to a good start.

I recently got a 541A (looks complete w/manual), 545 (missing access plates on back and bottom, missing only 3(!) common tubes, one loose wire), and a 581 (appears complete but one tube gassed and both side panels missing, w/manual). At 15 to 25 each, I assumed these to be worth the price even if only for parts (gasp!), especially the two with manuals. I've also had a barely operating 541A for years for which I'd been looking for a manual.

Are plug-ins readily available for these? I don't recall seeing many at hamfests (but maybe they weren't what I was looking for at the time).

I'm assuming these are restorable, but whether they get restored will undoubtedly depend on how much time I put into them. I have many questions, but will wait to see what Mr. Griffith's book answers before posting here.

People at work heard about my interest in this stuff, and a co-worker is offering me the following (he calls it prehistoric test equipment) with no prices stated:

Tek 545A Scope, he says is working (plugin type not stated). How much do these things usually sell for? I know someone said something about manuals being available, where can I get a manual? I've got a couple of audio BA manuals from A. G. Tannenbaum, they're nice, but \$33 for the 535/545A service manuals seems a little steep.

HP522B Electronic Counter. This sounds interesting - he says it doesn't use nixie tubes, but has a vertical row of 10 lights for each digit. Does anyone have or know of a manual? If I knew a manual were available I might want to buy this....

He lists some other things that I'm less interested in, but please don't contact me if you're interested - I'll offer to post a for-sale for him here and if he agrees to that (I can't think why he shouldn't - he wants to get rid of this stuff), I'll post descriptions with his email address, and those with interest can contact him directly.

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: jproc@bellglobal.com

Subject: RE: Them Ohms Of Yore

Message-ID: <Chameleon.4.01.2.970131233439.jproc@jproc.bellglobal.com>

(And, yes, I do "collect" schematic symbols--the variations
>are amazing!

Bobbi,

Don't forget about the Russian(?) schematics, which show tubes at the bottom
of the page and the components at the top of the page.

Regards,

Jerry Proc VE3FAB
E-mail: jproc@bellglobal.com
Radio Restoration Volunteer
HMCS Haida Naval Museum
Toronto, Ontario

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997

From: "Roberta J. Barmore" <rbarmore@indy.net>

Subject: RE: Them Ohms Of Yore

Message-ID: <Pine.SUN.3.91.970131235440.20121C-100000@indy1>

Ooops!

Left something out: the *other* convention for lower-case Omega, found
in (postwar, at least) E&E/"Radio" Handbooks, is angular frequency, the
family $2\pi f$ we manipulate in reactance & resonance calculation. It's a
useful shorthand, though confusing at first sight.

73,

--Bobbi

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997

From: John Kolb <jlkolb@cts.com>

Subject: Trade Manuals: R-392 for R-1051

Message-ID: <Pine.SCO.3.91.970201173515.23262E-100000@sd.cts.com>

I badly need a R-1051() manual so I can fix one of my receivers

sitting around collecting dust. I'm willing to give up an R-392 manual in good condition. Yes, I know the R-1051 manual is at least twice as thick, maybe 3X, so am willing to throw in some extra ?

I'd consider other versions of the manual than the () or (A).

John Kolb jlkolb@cts.com KK6IL
540 S. Kalbaugh St.
Ramona CA 92065-3135

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: Russell_Schroeder@xn.xerox.com (Schroeder,Russell G)
Subject: RE: Unusual Items For Sale
Message-ID: <"<F54FF2328190677C>F54FF2328190677C@X-WB-0207-MS2.XN"@-SMF->

Andy,

let me know about the possibility of the BC-344 for sale.

73 Russ W2DYY

Russell_Schroeder@xn.xerox.com

From: boatanchors@theporch.com
Subject: Unusual Items For Sale
From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: Rudy Salomon <rhs@pacbell.net>
Subject: URR-13 Manual?
Message-ID: <32F3815E.3892@pacbell.net>

Anybody have a manual for the Navy URR-13 receiver, original or repro??

Regards, Rudy Salomon - KD6NRQ

From boatanchors@theporch.com Sat Feb 1 14:51:08 1997
From: Rich Arland <qrpri@postoffice.worldnet.att.net>
Subject: Use of Desiccant
Message-ID: <19970201185346.AAB15486@LOCALNAME>

Gang:

Last nite, while preparing shushi, I noticed that each container of seaweed had a packet of desiccant included to combat the effects of moisture on the

thinly sliced seaweed.

This led me to ponder the use of the bags of desiccant for moisture reduction inside stored BA rigs and camera bags (that's my OTHER high ticket hobby).

Anyone out there in BA land know how to revitalize this desiccant (I believe it is silica-gell but not sure as the writing is in Japanese)? Normally, this stuff is placed in an oven at about 150 degrees for a couple of hours to restore it's ability to absorb moisture. Just wondering what the group thought.

73 rich K6SZ

From boatanchors@theporch.com Sat Feb 1 20:06:50 1997
From: Sheldon Wheaton <swheaton@sky.net>
Subject: Re: Use of Desiccant
Message-ID: <Pine.GS0.3.93.970201180041.19879C-1000000@sky.net>

On Sat, 1 Feb 1997, Rich Arland wrote:

> Last nite, while preparing shushi, I noticed that each container of seaweed
> had a packet of desiccant included to combat the effects of moisture on the
> thinly sliced seaweed.
>
> This led me to ponder the use of the bags of desiccant for moisture
> reduction inside stored BA rigs and camera bags (that's my OTHER high ticket
> hobby).
>
> Anyone out there in BA land know how to revitalize this desiccant (I believe
<snip>

This was the topic of a thread some time ago, and although the basic question here is regarding reactivation (which can often be done), I would like to point out that a dessicant is essentially worthless in a non-selaed environment. It is almost analogous to putting a sponge inside a wicker basket, and submerging it in the ocean, and expecting the sponge to keep things dry. With an unsealed container, there will be a virtually unlimited source of moisture (from humnidity) which will quickly saturate the desicant. I have been involved with some dessicant applications at my job, and the dessicant is received from the manufacturer in a sealed container, transfered to our product in a dry room, and then the product is sealed. If the bags even sit in a room at 25% humidity, the will become "saturated" within less than an hour, and no longer have any capacity to absorb moisture.

73,

Sheldon

From boatanchors@theporch.com Sat Feb 1 06:11:02 1997
From: radionostalgia@serv2.fwi.com (Jack C. Shutt)
Subject: RE WTB Johnson Matchbox
Message-ID: <199702010052.TAA27336@serv2.fwi.com>

Hello Anchorites:

Thanks very much to all those who responded regarding the Johnson Matchbox and manual. I received a copy of the manual today. Now all I need is a matchbox to go with it! Still looking for one. Seems, however, that the going price for a KW model is somewhat beyond what I want to pay, so a 275 watt model might be what I need. Let me know if you have one for sale.

73, Jack, N9GT

Jack C. Shutt, N9GT
radionostalgia@mail.fwi.com
(219)493-3901